

## Product datasheet for MC209942

### Zpbp (NM\_001185153) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zpbp (NM\_001185153) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zpbp  
**Synonyms:** 4930486K01Rik; lam38; Sp38  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209942 representing NM\_001185153  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGTACCCAAGCTGGGTCCCAAGCTAGCACACCTCCCGCACATCACCCGAGCGGAAGTGGCGCTCCG  
 TCGGTCCGTCTCCGGCTGCCGTCTGCCAATTCCGGCGCGGGTGGGCGCGCCAGTTGGACATTT  
 GGCTCGACTGCCAAGAAGTATCCACTTGACTCAAGATTCAGTAAATAGTGGGATCGACACATTTTCT  
 GTGAGCGTATATGTTATGCTTCATCAAAAGAGTCCACATGTGCTATGTGTAAACCAACGACTGAGAAATA  
 CAGAGCTGGTAGACCCATCATTCCAATGGCATGGGCCAAAAGGAAAACCTGTTTCAGAAAATACCACTGC  
 ACAAGTGACCTCCACAGGAAGCCTCATATTTGAGAGCTTTGAAGAGACCATGAGTGGGGTTTATACATGT  
 TTCCTCGAGTATAAACCAACTGTAGAGGAATCTATTAATAATCTCAACTGAAATACATTGTTTATGCTT  
 ATCGTGAACCTCGGTTTTATTATCAGTTCACAGCTCGATACCATGCAGCTCCCTGCAACAGTATCTATAA  
 CATTTCTTTTGAAGAAAACCTTCTCAGATTTTAAAGTAAGCTGGTCTTGACCTTCTGTGAAATATCC  
 TTGATTAAGTCTGAATGCCATCGTGTTAAATGCAAAGAGCTGGTTTGCAAAATGAATTGTTCTTCACAT  
 TTTCAGTTGCATCTATAGACACAGAAAAGGATCCAAGCCATGTACAGACCATAGTTGTGAAGCTTCCAA  
 AAGATTATCTAAGCTAAAATCTCATAGAGAGATTCTTCATTCAGCAAGTAGAAGTCTGGGCAAGCGT  
 GCGGAGCCACTGCCTGAGATATACTACATTGAGGGAACCTTCAGATGGTGTGGGTGAACCGCTGCTTTC  
 CAGGGTATGGCATAAATGTCTGAAGCATCCCAAGTGCCAGAGTGCTGTGTGGTCTGCAGCCCTGGATC  
 CTTCAATCCCGGGATGGAACCTATTGCCTCCAGTGCAACAACAGCCTGGTGTATGGAGCGAAGACATGC  
 ATG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001185153



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<b>Insert Size:</b>	1056 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001185153.1</a></u> , <u><a href="#">NP_001172082.1</a></u>
<b>RefSeq Size:</b>	3674 bp
<b>RefSeq ORF:</b>	1056 bp
<b>Locus ID:</b>	53604
<b>Cytogenetics:</b>	11 A1
<b>Gene Summary:</b>	<p>Plays a role in acrosome compaction and sperm morphogenesis. Is implicated in sperm-oocyte interaction during fertilization.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>